



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

A LADY-BEETLE NEW TO FLORIDA

Mr. Geo. F. Merrill adds to the list of Florida Coleoptera the white lady-beetle *Olla abdominalis* Say. It was sent in from Tampa. Its range has hitherto been given as Indiana to Texas and west.

THE CORN LEAF-TIER, LEREMA ACCIUS S. & A.

(Continued from Page 4)

star, they do not overlap. In the first two instars the head is black, in the last two it is strikingly banded with white in the form of a narrow white band completely encircling the face on the margin and an inverted white V on each side of the face. In the last instar the vertex becomes reddish-brown. The third instar, however, presents both black heads and those striped with white as described for the fourth and fifth. This variation may be due to sex though this was not proven. Two larvae taken near together and having exactly the same head widths showed this difference.

As the larva prepares to molt the new head is formed within the body just caudad of the old one and shortly before the skin breaks there appear to be two distinct heads, even the markings of the new one showing through the epidermis. All the head casts are discarded unbroken except the last one which ruptures along the frontal suture. The pellicles of all except the last molt are very delicate and difficult to find. The larva is pale gray when freshly molted.

A day or two before pupation the larva becomes covered with a distinct white pulverulence. We have observed its first appearance as much as four days before pupation as two powdery white areas on the ventro-lateral margin of the body just caudad of the caudal pair of legs. From this point it spreads until the whole body is covered. It is all carried away with the last exuvium which remains attached to the head cast and is much more bulky than any of the preceding.

Twenty larvae were reared, nine of them completely through from egg to adult. The following table shows in days the length of the different instars and the total larval life.